

CLAIMS AMENDMENTS

Claim 1. (currently amended) ~~A system for~~ An opening and closing ~~a lid system~~ of a compartment disposed underwater ~~in a swimming pool~~, said system comprising:

- a) a remote power pack ~~located at a position remote from the swimming pool~~ for supplying a source of hydraulic power;
- b) a hydraulic drive mechanism coupled to ~~and~~ the remote power pack having an actuator driven by the hydraulic power ~~supplied by said remote power pack~~; and
- c) a mechanical decoupled linkage extending between the actuator of the hydraulic drive mechanism and the lid of the underwater compartment ~~and allowing~~ for allowing automatic openable as well as manual openable and closeable movement ~~thereof~~ of the lid.

Claim 2. (currently amended) A modular lid system for an underwater enclosure, the modular lid system comprising:

- a) A rigid lid portion having an overall buoyancy such that the lid portion closes the enclosure underwater by force of gravity;
- b) A remote power pack for providing a source of hydraulic power to the ~~modular lid~~ system, the remote power pack being located at a position remote from the enclosure ~~, the remote power pack~~ and including a hydraulic pump;
- c) A hydraulic drive mechanism actuated by the hydraulic pump, the drive mechanism having a predetermined range of movement;
- d) A decoupled linkage mechanism extending between the hydraulic drive mechanism and the lid portion for causing limited opening movement thereof, said limited opening movement corresponding to the predetermined range of movement of the hydraulic drive mechanism.

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Claim 3. (currently amended) The modular lid system of Claim 2 ~~in which~~ wherein the rigid lid portion consists of a plurality of modular lid sections coupled together.

Claim 4. (currently amended) A lid section for a modular lid for an ~~underwater swimming pool cover or other~~ underwater enclosure, the lid section comprising:

an inverted pan having an upper surface, an inner surface, 2 side edges, a leading edge and a pivoting edge having a hinge for coupling the lid section to the underwater enclosure;

a torsion structural member disposed adjacent the inner surface and adjacent the pivoting edge ;

~~a~~ coupling ~~mechanism~~ means located on ~~at least one of the 2 side edges~~ a side edge for coupling the lid section to one or more additional lid sections, whereby the coupled lid sections form a rigid, longitudinal modular lid ~~for allowing openable and closeable movement of the modular lid thereof~~ that can be opened and closed as a unit.

Claim 5. (original) The lid section of Claim 4, further comprising:

a buoyancy tank disposed adjacent the inner surface and adjacent the leading edge.

Claim 6. (new) The modular lid system of Claim 3 having L-shaped brackets fastened to side edges of each of the plurality of modular lid sections for securing the modular lid sections together to structurally form a lid closing the underwater enclosure.

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